

Application No.: 10/807363
Docket No.: CL2328USNA

Page 6

REMARKS

Claims 1, 4, 26, and 27 are currently amended. Claim 16 has been canceled. The content of claim 16 has been included in claims 1 and 26. Further support is found on page 8, lines 4 – 6 and throughout the specification.

Claims 1 – 6 and 8 – 28 are rejected under 35 USC 102(b) as being anticipated by Blanchet-Fincher (6,143,451). This rejection is respectfully traversed. The present invention claims, as amended, a donor element comprising a two layer transfer layer wherein

...the first layer comprises a material selected from organic semi-conductors, inorganic semi-conductors, light-emitting polymers, and light-emitting small molecules, and the second layer comprises a protective layer comprising a dielectric material selected from the group consisting of polyhydroxystyrene, polyvinylphenol, polyvinylpyridine, glass resin, fluorinated copolymers and methacrylic copolymers located between the substrate and the first layer.

The Blanchet-Fincher reference teaches a donor element comprising at least three layers; an ejection layer, a heating layer, and a transfer layer. The transfer layer of the Blanchet-Fincher reference does not include a material selected from organic semi-conductors, inorganic semi-conductors, light-emitting polymers, and light-emitting small molecules. In addition, the Blanchet-Fincher reference does not teach a protective layer being a dielectric material selected from the group consisting of polyhydroxystyrene, polyvinylphenol, polyvinylpyridine, glass resin, fluorinated copolymers and methacrylic copolymers. The protective layer of the present invention is found between the layer comprising the material selected from organic semi-conductors, inorganic semi-conductors, light-emitting polymers, and light-emitting small molecules, and the substrate of the donor element. The Examiner has failed to show or point out how each element in the claimed invention is found in the Blanchet-Fincher reference.

In addition, the Examiner states in the office action, "The reference teaches that there is a heating layer located between the ejections layer and the transfer layer which contains a metal such as a Group IVA metal (which includes semiconducting metals Ge and Si) and preferably contains a Zr metal compound. Zr compounds are listed in the specification as useful in the transfer layer. This layer could be considered the transfer layer portion of the donor element and the transfer layer of the protective layer." Applicant has searched the present specification and found no listing in the present specification for Zr compounds. The Examiner is respectfully requested to clarify the paragraph; but in order to move to an early allowance, Applicant recognizes that the Group IVA metals are in the heating layer in the reference which is located between the ejection layer and the transfer layer. Applicant's amended claims are directed to a protective layer comprising a dielectric material selected from the group consisting of polyhydroxystyrene, polyvinylphenol, polyvinylpyridine, glass resin, fluorinated copolymers and methacrylic copolymers; not Group IVA metals.

Application No.: 10/807363
Docket No.: CL2328USNA

Page 7

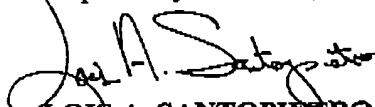
Therefore, again, Applicant's invention is not identically described as needed under the standard for anticipation. The Examiner is respectfully requested to withdraw the rejection.

Claims 1 - 6 and 8 - 28 are rejected under 35 USC 103(a) as being unpatentable over Blanchet-Fincher in view of Wolk et al. (6,221,553) and Claim 7 is rejected under 35 USC 103(a) as being unpatentable over Blanchet-Fincher or Blanchet-Fincher in view of Wolk et al. in view of Fincher et al. (6,818,363). The above rejections are respectfully traversed. Applicant offers the argument found hereinabove. Applicant also traverses the Examiner's use of the Wolk et al. reference wherein the Examiner states, "Wolk et al disclose a similar transfer material/donor element to that of the primary reference. The reference teaches that it is advantageous to employ a dual-layer transfer layer comprising a first layer comprising a semiconducting material (Examples of suitable polymers include acrylic polymers, polyanilines, polythiophenes, poly(phenylenevinyls), polyacetylenes, and other conductive organic materials), and a second layer (either a release or adhesive layer) which would serve as a protective layer." Applicant can find no teaching in Wolk et al. that would direct one to a protective layer being dielectric materials selected from the group consisting of polyhydroxystyrene, polyvinylphenol, polyvinylpyridine, glass resin, fluorinated copolymers and methacrylic copolymers.

The Examiner is respectfully requested to remove the rejections.

In view of the foregoing, allowance of the above-referenced application is respectfully requested.

Respectfully submitted,


LOIS A. SANTOPIETRO
AGENT FOR APPLICANT
Registration No.: 36,264
Telephone: (302) 892-7752
Facsimile: (302) 992-5374

Dated: Dec. 1, 2006